

ACRONYMS AND ABBREVIATIONS

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| ACC | air-cooled condenser |
| ADT | average daily traffic |
| af/yr | acre-feet per year |
| ASILS | Acceptable Source Impact Levels |
| ASME | American Society of Mechanical Engineers |
| AST | aboveground storage tank |
| BACT | Best Available Control Technology |
| BCAA | Benton Clean Air Authority |
| BCC | Benton County Code |
| BCEM | Benton County Emergency Management |
| BCES | Benton County Emergency Services |
| Benton PUD | Benton Public Utility District |
| bgs | below ground surface |
| BMPs | best management practices |
| BPA | Bonneville Power Administration |
| REA | Benton Rural Electric Association |
| Btu | British thermal units |
| CEM | continuous emission monitoring |
| CEMS | continuous emission monitoring system |
| cfs | cubic feet per second |
| CO | carbon monoxide |
| CSZ | Cascadia Subduction Zone |
| CT | combustion turbine |
| CTG | electrical generator |
| dB | decibel |
| dBA | A-weighted decibels |
| dB(C) | C-weighted decibels |
| DC | direct current |
| DCS | distributed control system |
| DOT | U.S. Department of Transportation |
| DPS | Distinct Population Segment |

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| ECW | water conductivity |
| Ecology | Washington State Department of Ecology |
| EDNA | Environmental Designation for Noise Abatement |
| EPA | U.S. Environmental Protection Agency |
| ESA | Endangered Species Act |
| ESU | Evolutionary Significant Unit |
| FCRTS | Federal Columbia Regional Transportation System |
| FERC | Federal Energy Regulatory Commission |
| FLM | Federal Land Manager |
| GMAAD | Growth Management Act Agricultural District |
| gpm | gallons per minute |
| HDPE | high-density polyethylene |
| hp | horsepower |
| HRSG | heat recovery steam generator |
| HZ | hertz |
| KSD | Kennewick School District |
| kV | kilovolt |
| kWh | kilowatt-hour |
| Leq | equivalent sound level |
| L90 | sound level exceeded 90 percent of the time |
| L _{max} | maximum sound level |
| LHV | lower heating value |
| LNG | liquid natural gas |
| μmhos/cm | micromhos per centimeter |
| mg/L | milligrams per liter |
| MMBtu | million Btu |
| mmh/cm | millimhos/per centimeter |
| mph | miles per hour |
| MW | megawatt |
| MWh | megawatt hours |
| NAAQS | National Ambient Air Quality Standards |
| NACS | Natural Resource Conservation Service |

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|-----------------|---|
| NEPA | National Environmental Policy Act |
| NMFS | National Marine Fisheries Service |
| NOAA | National Oceanic and Atmospheric Administration |
| NOC | Notice of Construction |
| NO _x | nitrous oxide |
| NPDES | National Pollution Discharge Elimination System |
| NRCS | Natural Resources Conservation Service |
| NWPPC | Northwest Power Planning Council |
| ONHP | Oregon Natural Heritage Programs |
| OSHA | Occupational Safety and Health Administration |
| PAH | polyaromatic hydrocarbons |
| PGF | Plymouth Generating Facility |
| PM | particulate matter |
| ppm | parts per million |
| PSD | Prevention of Significant Deterioration |
| psia | pounds per square inch absolute |
| psig | pounds per square inch gauge |
| PUD | Public Utility District |
| PWD | Plymouth Water District |
| RPM | revolutions per minute |
| RV | recreational vehicle |
| SCR | Selective Catalytic Reduction |
| SE-COMM | Southeast Communications Center |
| SEPA | State Environmental Policy Act |
| SILs | Significant Impact Levels |
| SLM | sound level measurement |
| SMA | Shoreline Management Act |
| SO ₂ | sulfur dioxide |
| SPER | Spill Prevention and Emergency Response |
| ST | steam turbine |
| SWDM | Surface Water Design Manual |
| SWPPP | Stormwater Pollution Prevention Plan |

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| tcf | trillion cubic feet |
| TDS | total dissolved solids |
| U.S. EPA | U.S. Environmental Protection Agency |
| UGA | Urban Growth Area |
| UPS | uninterruptible power supplies |
| USD | Umatilla School District |
| USDA | U.S. Department of Agriculture |
| USFWS | U.S. Fish and Wildlife Service |
| USGS | U.S. Geological Survey |
| VOCs | volatile organic compounds |
| WAAQS | Washington Ambient Air Quality Standards |
| WDFW | Washington Department of Fish and Wildlife |
| WDNR | Washington Department of Natural Resources |
| WRIA | Water Resource Inventory Area |
| WSCC | Western Systems Coordinating Council |
| WSDOT | Washington State Department of Transportation |
| WSP | Washington State Patrol |